



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.
TA21461M

FOR EXPLOSION PROTECTED TYPE ELECTRICAL EQUIPMENT

APPLICANT: Cooper Industries Japan K.K., Tokyo, Japan

MANUFACTURER: Eaton Electric Limited., Beds, England

PRODUCT: Intrinsically Safe Type Switch/Proximity Detector Interface

TYPE NO.: MTL5516C

TYPE TEST NO.: 11T613

PARTICULARS:

Construction	Intrinsically safe type (Ex ia IIC)
Intrinsically safe circuit	Max. output voltage 10.5V
Max. output current	14mA
Max. output power	37mW
External capacitance	2.41 μ F
External inductance	175mH or L/R Ratio 983 μ H/ Ω
Non-intrinsically safe circuit	250V a.c./d.c. max.
Standards	IEC60079-0:2011, IEC60079-11:2011, IEC61241-11:2005

CONDITION: Intrinsically safe apparatus connecting to the above product is to be certified or approved by the Society.

DOCUMENTATION: CI5516-1, CI4516-1, IECEx ExTR Ref. No. GB/BAS/ExTR07.0127/00, TIIS Certificate TC20295

THIS IS TO CERTIFY that the above mentioned product has been approved by the NIPPON KAIJI KYOKAI in accordance with the Society's type test requirements for electrical equipment and cables.

This certificate is valid until 21 September 2026.

Issued at Tokyo on 6 December 2021.

T. Shimada
General Manager
Machinery Department

Note: The manufacturer, if desired, is requested to apply to the Society for renewal prior to the expiration date.